THE TECHNICAL MATERIEL CORPORATION
MAMARONECK, N. Y.

VRA-6 TEST DATA SHEET

SERIAL NO._____ 1.0 MECHANICAL INSPECTION_____

MFG. NO. _____

2.0 ELECTRICAL INSPECTION

FREQUENCY	RF VOLTS		
MC	V1	V2	V3
2	1.0		
8	1.0		
32	1.0		

DATE _____

TESTER _____

DATE 6/25/62	TMC SPECIFICATION NO. S 687	C
SHEET 1 OF 4		
N.P. COMPILED / N.P. CHECKED	TITLE: VRA-6 TEST PROCEDURE	
APPROVED		

VRA-6 TEST PROCEDURE

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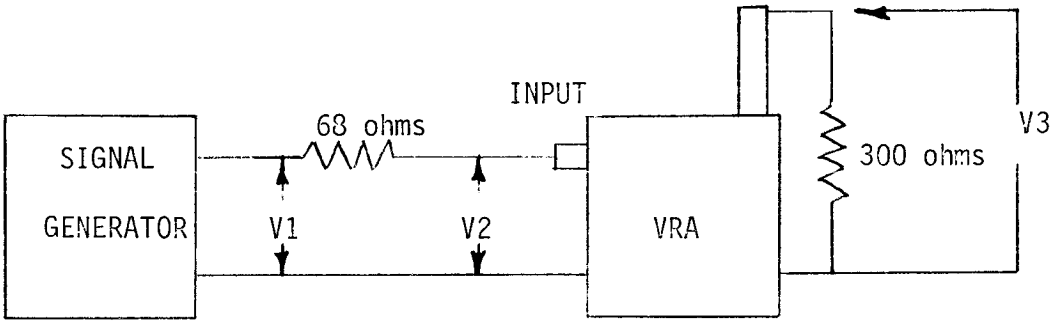

FREQUENCY	RF VOLTS		
MC	V1	V2*	V3*
2	1.0	.47	.98
8	1.0	.52	1.00
32	1.0	.4	.9

*The above readings are based on a TR-044 potted unit, not mounted in VRA case, and should be considered reference only, however the readings of V2 and V3 should not vary more than ±20% of actual values obtained during transformer test.

TMC SPECIFICATION NO. S 687 C

N.P. COMPILED | C.N.P. CHECKED | J M Strumwasser APPROVED

TITLE: VRA-6 TEST PROCEDURE

TEST EQUIPMENT REQUIRED

1 _____ RF VTVM Hewlett Packard Model 410B (or equivalent)

1 _____ RF Generator Measurements Corporation Model 82 (or equivalent)

1 _____ 68 ohm ½ watt resistor, 5%

1 _____ 300 ohm ½ watt resistor, 5%

1.0 MECHANICAL INSPECTION

1.1 Check that mechanical parts and details are in agreement with drawing A2169.

1.2 Check that the spark-gap rod is aligned as per A2169 and that the gap is 1/32".

1.3 Check customer's order for conformance of additional details such as output and accessory connectors.

1.4 Check for proper connection and soldering of strap connectors to transformers.

2.0 ELECTRICAL INSPECTION

2.1 Set up equipment as shown in diagram on Sheet 3.

2.2 Turn on Signal Generator and using the VTVM adjust for a measurement of 1.0 volts R.F. at V1. With R.F. maintained at 1.0 volts at V1, use the VTVM to measure voltage at V2 and V3 for the following frequencies: - 2,8 and 32 megacycles.

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REVISION SHEET

THE TECHNICAL MATERIEL CORP.
MAMARONECK NEW YORK

S687
LIST NO.

DATE	REV.	SHEET	EMN #	DESCRIPTION	APP.
11/11/65	A	2,3,4	15150	Revised per EMN	
11/7/66	B	3	17210	Revised per EMN	
11/3/67	C	3	18596	Revised per EMN	

DATE 6/25/62	TMC SPECIFICATION NO. S 687	C
SHEET 4 OF 4		
M.P. COMPILED / N.P. CHECKED	TITLE: VRA-6 TEST PROCEDURE	
J M Stumer APPROVED		

THE TECHNICAL MATERIEL CORPORATION
MAMARONECK, N. Y.

VRA-6 TEST DATA SHEET

SERIAL NO._____ 1.0 MECHANICAL INSPECTION_____

MFG. NO._____

2.0 ELECTRICAL INSPECTION

FREQUENCY	RF VOLTS			
MC	V1	V2	V3	RATIO V3/V2*
2	1.0			
8	1.0			
32	1.0			

DATE_____

TESTER_____

* 1.5 Min.
2.2 Max.

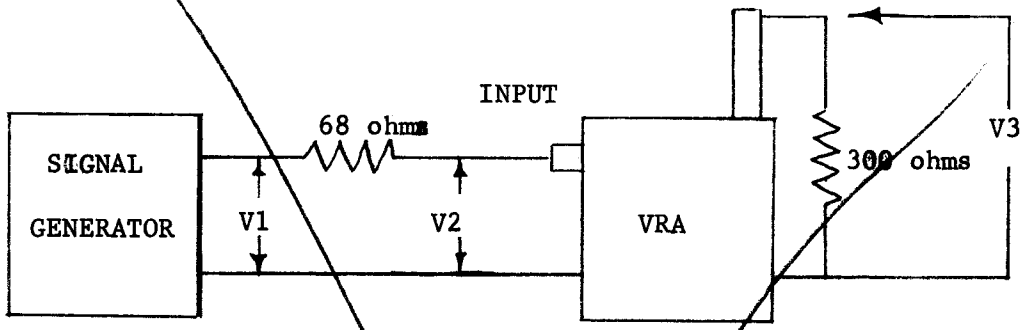
DATE 6/25/62
SHEET 3 OF 4

TMC SPECIFICATION NO. S 687 C

N.P. COMPILED | N.P. CHECKED

TITLE: VRA-6 TEST PROCEDURE

J M Stumm APPROVED



FREQUENCY	RF VOLTS		
MC	V1	V2*	V3*
2	1.0	.47	.98
8	1.0	.52	1.00
32	1.0	.57	.96

.4 .9

Ratio of V3/V2 should be not less than 1.5 nor more than 2.2.

Record data on Test Data Sheet

*The above readings are based on a TR-044 potted unit, not mounted in VRA case, and should be considered reference only, however the readings of V2 and V3 should not vary more than ± 20% of actual values obtained during transformer test.

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